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ABSTRACT*of the Disclosure*Improvements in or relating to field howitzers

5 A light weight field howitzer includes a
barrel ~~(101)~~ which is supported by a cradle constructed
from hollow members ~~(119, 119A)~~ and which is pivotally
mounted about a trunnion bearing ~~(113)~~ secured to a
chassis ~~(117)~~. The trunnion bearing ~~(113)~~ lies on the
barrel axis and is positioned beyond the limit of
10 maximum recoil of the barrel. Front stabilisers and
rear trail support legs are provided to spread the load
of the howitzer and spades are rigidly secured to the
chassis ~~(117)~~. The howitzer includes a single
hydraulic accumulator arrangement
15 ~~(136, 177, 185, 130, 189, 119)~~ constituting a combined
recoil buffer and recuperator system. A barrel
elevating means is provided comprising a geared manual
means ~~(115, 116, 153, 149, 139)~~ assisted by a precompressed
gas system ~~(114, 119A)~~.

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